

2/2003

=> s glucosyl isoquercitrinin  
3389 GLUCOSYL  
0 ISOQUERCITRININ  
L9 0 GLUCOSYL ISOQUERCITRININ  
(GLUCOSYL (W) ISOQUERCITRININ)

=> s glucosylisoquercitrinin  
L10 0 GLUCOSYLISOQUERCITRININ

=> s glucosylquercitrin  
L11 0 GLUCOSYLQUERCITRIN

=> s glucosyl quercitrin  
3389 GLUCOSYL  
15 QUERCITRIN  
L12 0 GLUCOSYL QUERCITRIN  
(GLUCOSYL (W) QUERCITRIN)

=> s myricetin  
L13 78 MYRICETIN

=> s myricetin/cn  
L14 1 MYRICETIN/CN

=> s rhamnetin/cn  
L15 1 RHAMNETIN/CN

=> s apigenin/cn  
L16 1 APIGENIN/CN

=> s heperidin/cn  
L17 0 HEPERIDIN/CN

=> s hesperitin/cn  
L18 1 HESPERITIN/CN

=> s hesperidin/cn  
L19 1 HESPERIDIN/CN

=> s morin/cn  
L20 1 MORIN/CN

=> s phloridzin/cn  
L21 1 PHLORIDZIN/CN

=> s diosmin/cn  
L22 1 DIOSMIN/CN

=> s vitexin/cn  
L23 1 VITEXIN/CN

=> s neohesperidin/cn  
L24 1 NEOHESPERIDIN/CN

=> s dihydrochalcone/cn  
L25 1 DIHYDROCHALCONE/CN

=> s flavone/cn  
L26 1 FLAVONE/CN

L39 ANSWER 45 OF 54 USPATFULL

ACCESSION NUMBER: 85:37196 USPATFULL  
TITLE: Tooth and mouth care agent  
INVENTOR(S): Raaf, Helmut, Bockenau, Germany, Federal Republic of  
PATENT ASSIGNEE(S): Blendax-Werke R. Schneider GmbH & Co., Mainz, Germany,  
Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4525343		19850625
APPLICATION INFO.:	US 1984-597849		19840409 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1983-3314895	19830425
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Rose, Shep K.	
LEGAL REPRESENTATIVE:	Connolly and Hutz	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
LINE COUNT:	240	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB . . . care preparations in the form of toothpaste, mouthwash, mouth  
spray or tooth powder, containing 0.05 to 2.5% by weight of  
**hesperidin**, calculated on the total **composition** are  
effective in reducing inflammation and bleeding of the gums.

SUMM . . . of urea, preferably 8% by weight, with approx. 0.1% to approx.  
1%, preferably approx. 0.1 to 0.5% by weight, of **hesperidin**,  
related to the total **composition**, was subjected to a clinical  
investigation.

DETD . . . Patent No. 3,023;

Na.sub.12 (AlO.sub.2).sub.12 (SiO.sub.2).sub.12.27 H.sub.2 O)

Glycerol 3.50

Carboxymethyl cellulose 1.20

Benzoic acid 0.30

Methyl p-hydroxybenzoate  
0.10

Saccharine sodium 0.05

Sodium monofluorophosphate  
1.25

Colloidal silica 0.20

**Hesperidin** ascorbate 0.80

Flavour **mixture** 1.00

Sodium lauryl sulphate, 86%  
1.20

Water 33.90

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DETD

Mouthwash Concentrate % by weight

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Diphosphoric ester of **hesperidin**,  
1.60

sodium salt

Flavour **composition** 3.50

Nonionogenic emulgator 6.00

1,2-propyleneglycol 7.00

Sorbitol, 70% 5.00

1,2-Propyleneglycol monomethyl ether

	17.00
Sodium cyclamate	0.30
Allantoin	0.25
Azulene	0.05
Desalted water	59.30

L39 ANSWER 46 OF 54 USPATFULL

ACCESSION NUMBER: 82:26627 USPATFULL  
 TITLE: Citrus food containing a cyclodextrin  
 INVENTOR(S): Miyawaki, Masaru, Tsunoekita, Japan  
 Konno, Akira, Osaka, Japan  
 PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Osaka, Japan  
 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4332825		19820601
APPLICATION INFO.:	US 1980-190099		19800923 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1979-122419	19790924
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Jones, Raymond N.	
ASSISTANT EXAMINER:	Curtin, Elizabeth J.	
LEGAL REPRESENTATIVE:	Wenderoth, Lind & Ponack	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	445	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD One part of a 1/10 N-aqueous solution of sodium hydroxide containing 150

mg % of **hesperidin**, 1 part of an aqueous **solution** containing 60% of sucrose and 2.55% of citric acid and one of the various additives indicated in Table 1 were. . . .  
 DETD . . . shown in FIG. 1. It is apparent that an increasing amount of .beta.-cyclodextrin results in an increased amount of dissolved **hesperidin**. A 50 mg% **solution** of hesperidin did not produce a sediment at all when about 0.1% of .beta.-cyclodextrin had been added.

DETD One part of a 1/10 N aqueous solution of sodium hydroxide containing 150

mg % of **hesperidin**, 1 part of an aqueous **solution** containing 50.1% of sucrose, 9% of glucose and 2.55% of citric acid, and  
 1 part of a 1% aqueous solution. . . .

9 ANSWER 39 OF 54 USPATFULL

ACCESSION NUMBER: 96:16750 USPATFULL  
TITLE: Topically applied hair restorer containing pine  
extract  
INVENTOR(S): Uchida, Yukio, Okayama, Japan  
Iritani, Satoshi, Okayama, Japan  
Miyake, Toshio, Okayama, Japan  
PATENT ASSIGNEE(S): Kabushiki Kaisha Hayahibara, Okayama, Japan (non-U.S.  
corporation)  
Seibutsu Kagaku Kenkyujo, Okayama, Japan (non-U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5494667		19960227
APPLICATION INFO.:	US 1994-255897		19940607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-43770, filed on 6 Apr 1993, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1992-185620	19920604
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Rollins, John W.	
LEGAL REPRESENTATIVE:	Browdy and Neimark	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	677	

CLM What is claimed is:

- . . . topically applied hair restorer of claim 3, wherein said  
.alpha.-glycosyl-bioflavonoid is selected from the group consisting of  
.alpha.-glycosyl rutin, .alpha.-glycosyl **hesperidin**,  
.alpha.-glycosyl naringin, and **mixtures** thereof.
- . . . claim 5, wherein said .alpha.-glycosyl hesperidin is selected from  
the group consisting of .alpha.-glucosyl hesperidin, .alpha.-maltosyl  
hesperidin, .alpha.-maltotriosyl hesperidin, .alpha.-maltotetraosyl  
**hesperidin**, .alpha.-maltopentaosyl **hesperidin**, and  
**mixtures** thereof.

L39 ANSWER 37 OF 54 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:399608 CAPLUS

DOCUMENT NUMBER: 127:39481

TITLE: Cosmetics containing POV elevation inhibitors and lipase inhibitors

INVENTOR(S): Mizuno, Takashi; Uchino, Keijiro; Miyashita, Rumiko

PATENT ASSIGNEE(S): Nippon Flour Mills Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09118611	A2	19970506	JP 1995-277404	19951025
PRIORITY APPLN. INFO.:			JP 1995-277404	19951025

OTHER SOURCE(S): MARPAT 127:39481

IT 480-41-1, Naringenin 499-44-5, Hinokitiol 508-02-1, Oleanolic acid  
520-26-3, **Hesperidin** 520-33-2, Hesperetin 529-55-5,  
Naringenin 7-glucoside 578-74-5 5373-11-5, Luteolin 7-glucoside  
6246-46-4, Ursonic acid 6920-38-3, Luteolin 4'-glucoside 17650-84-9,  
Kaempferol 3-rutinoside 21637-25-2, Isoquercitrin 26544-34-3, Apiin  
52187-80-1, Luteolin 3',7-diglucoside 69306-85-0

RL: BAC (Biological activity or effector, except adverse); BSU

(Biological

study, unclassified); BUU (Biological use, unclassified); BIOL

(Biological

study); USES (Uses)

(**cosmetics** contg. lipid peroxidn. inhibitors and lipase inhibitors)

AB The cosmetics contain POV (peroxide value) elevation inhibitors, e.g.

org. solvent exts. of bran, germ, or powd. cereals, and lipase inhibitors,

e.g. hinokitiol, oleanolic acid, ursonic acid, flavonoids, or their glycosides.

The cosmetics prevent the degrdn. or oxidn. of fats/oils in the cosmetics and sebum and prevent acne and rough skin. Lard contg. 5% hexane ext. of bran was heated at 110.degree. to show POV 16.6 mgequiv/kg 72 h later,

vs. 39.4 mgequiv/kg, for a control without the ext. A shampoo contg. 0.5 wt.%

wheat bran ext. and 0.1 wt.% hinokitiol was formulated.

L39 ANSWER 37 OF 54 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:399608 CAPLUS

DOCUMENT NUMBER: 127:39481

TITLE: Cosmetics containing POV elevation inhibitors and lipase inhibitors

INVENTOR(S): Mizuno, Takashi; Uchino, Keijiro; Miyashita, Rumiko

PATENT ASSIGNEE(S): Nippon Flour Mills Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09118611	A2	19970506	JP 1995-277404	19951025
PRIORITY APPLN. INFO.:			JP 1995-277404	19951025

OTHER SOURCE(S): MARPAT 127:39481

IT 480-41-1, Naringenin 499-44-5, Hinokitiol 508-02-1, Oleanolic acid  
**520-26-3; Hesperidin** 520-33-2, Hesperetin 529-55-5,  
Naringenin 7-glucoside 578-74-5 5373-11-5, Luteolin 7-glucoside  
6246-46-4, Ursonic acid 6920-38-3, Luteolin 4'-glucoside 17650-84-9,  
Kaempferol 3-rutinoside 21637-25-2, Isoquercitrin 26544-34-3, Apiin  
52187-80-1, Luteolin 3',7-diglucoside 69306-85-0

RL: BAC (Biological activity or effector, except adverse); BSU

(Biological

study, unclassified); BUU (Biological use, unclassified); BIOL

(Biological

study); USES (Uses)

(**cosmetics** contg. lipid peroxidn. inhibitors and lipase  
inhibitors)

(FILE 'HOME' ENTERED AT 16:28:23 ON 15 FEB 2003)

FILE 'REGISTRY' ENTERED AT 16:28:46 ON 15 FEB 2003

L1	1 S FERULIC ACID/CN
L2	1 S LIQUIRITIN/CN
L3	1 S SINAPIC ACID/CN
L4	0 S BERNIARIN/CN
L5	1 S UMBELLIFERONE/CN
L6	0 S ALPHA-GLUCOSYLMYRICTRIN/CN
L7	0 S ALPHA-GLUCOSYLMYRICTRIN
L8	0 S GLUCOSYL MYRICTRIN
L9	0 S GLUCOSYL ISOQUERCITRININ
L10	0 S GLUCOSYLISOQUERCITRININ
L11	0 S GLUCOSYLQUERCITRIN
L12	0 S GLUCOSYL QUERCITRIN
L13	78 S MYRICETIN
L14	1 S MYRICETIN/CN
L15	1 S RHAMNETIN/CN
L16	1 S APIGENIN/CN
L17	0 S HEPERIDIN/CN
L18	1 S HESPERITIN/CN
L19	1 S HESPERIDIN/CN
L20	1 S MORIN/CN
L21	1 S PHLORIDZIN/CN
L22	1 S DIOSMIN/CN
L23	1 S VITEXIN/CN
L24	1 S NEOHESPERIDIN/CN
L25	1 S DIHYDROCHALCONE/CN
L26	1 S FLAVONE/CN
L27	0 S GLUCOSYLRUTIN/CN
L28	4 S GLUCOSYL RUTIN
L29	1 S GENISTEIN/CN
L30	0 S G-MYRICITRIN

=> file uspatfull caplus kosmet

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
190.64	190.85

FULL ESTIMATED COST

FILE 'USPATFULL' ENTERED AT 16:38:58 ON 15 FEB 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CAPLUS' ENTERED AT 16:38:58 ON 15 FEB 2003

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COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'KOSMET' ENTERED AT 16:38:58 ON 15 FEB 2003

COPYRIGHT (C) 2003 International Federation of the Societies of Cosmetics Chemists

=> s l26 or flavone

'CN' IS NOT A VALID FIELD CODE

L31 9582 L26 OR FLAVONE

=> s l31 (5w) cosmetic

L32 18 L31 (5W) COSMETIC

=> d 1-18 ibib

## L32 ANSWER 1 OF 18 USPATFULL

ACCESSION NUMBER: 2002:48660 USPATFULL  
TITLE: Resveratrol analogs for prevention of disease  
INVENTOR(S): Ghai, Geetha, Murray Hill, NJ, UNITED STATES  
Chen, Kuang Yu, Belle Mead, NJ, UNITED STATES  
Rosen, Robert T., Monroe Township, NJ, UNITED STATES  
Wang, Mingfu, Piscataway, NJ, UNITED STATES  
Telang, Nitin, Pelham Manor, NY, UNITED STATES  
Lipkin, Martin, New York, NY, UNITED STATES  
Ho, Chi-Tang, East Brunswick, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002028852	A1	20020307
APPLICATION INFO.:	US 2001-860919	A1	20010518 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2000-US25799, filed on 20 Sep 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-155019P	19990921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	LICATA & TYRRELL P.C., 66 E. MAIN STREET, MARLTON, NJ, 08053	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
LINE COUNT:	487	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

## L32 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:15489 CAPLUS  
DOCUMENT NUMBER: 138:61080  
TITLE: Cosmetics and foods containing IgE formation inhibitors  
INVENTOR(S): Tanaka, Hiroshi  
PATENT ASSIGNEE(S): Narisu Cosmetic Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp., Division of Jpn. Kokai

Tokkyo Koho Appl. No. 01 189.690.  
CODEN: JKXXAF

DOCUMENT TYPE: Patent  
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003002811	A2	20030108	JP 2001-341489	20010622
PRIORITY APPLN. INFO.:			JP 2001-189690	A3 20010622

## L32 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:780926 CAPLUS  
DOCUMENT NUMBER: 135:335170  
TITLE: Preparation of **flavone** glycosides for **cosmetic** and pharmaceutical and nutrition formulations  
INVENTOR(S): Otto, Ralf; Geers, Bernadette; Weiss, Albrecht; Petersohn, Dirk; Schlotmann, Kordula; Schroeder, Klaus



PATENT ASSIGNEE(S): Rudolf  
 Henkel Kommanditgesellschaft auf Aktien, Germany;  
 Cognis Deutschland G.m.b.H.  
 SOURCE: PCT Int. Appl., 36 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001079245	A1	20011025	WO 2001-EP4151	20010411
W: AU, BG, BR, BY, CA, CN, CZ, DZ, HU, ID, IL, IN, JP, KR, MX, NO, NZ, PL, RO, RU, SG, SI, SK, UA, US, UZ, VN, YU, ZA RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
DE 10019235	A1	20011031	DE 2000-10019235	20000418
EP 1274712	A1	20030115	EP 2001-923722	20010411
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR				
PRIORITY APPLN. INFO.:			DE 2000-10019235 A	20000418
			WO 2001-EP4151 W	20010411
OTHER SOURCE(S):			MARPAT 135:335170	
REFERENCE COUNT: 3			THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE	

FORMAT

L32 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2001:780403 CAPLUS  
 DOCUMENT NUMBER: 135:322547  
 TITLE: Cosmetic compositions containing polymethoxyflavones  
 INVENTOR(S): Ishida, Misaki; Sato, Saori; Hashizume, Ron; Hayashi,  
 Shinji  
 PATENT ASSIGNEE(S): NOF Corporation, Japan  
 SOURCE: Eur. Pat. Appl., 22 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1147764	A2	20011024	EP 2001-109611	20010418
EP 1147764	A3	20020320		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002003363	A2	20020109	JP 2001-118479	20010417
US 2002016358	A1	20020207	US 2001-837129	20010418
CN 1318366	A	20011024	CN 2001-115322	20010419
PRIORITY APPLN. INFO.:			JP 2000-117519 A	20000419
OTHER SOURCE(S):			MARPAT 135:322547	

L32 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2001:657462 CAPLUS  
 DOCUMENT NUMBER: 135:200198  
 TITLE: Cosmetic and pharmaceutical formulations containing  
 flavones and isoflavones to treat cellulitis  
 INVENTOR(S): Issberner, Ulrich; Claas, Marcus; Maienschein, Vera;

PATENT ASSIGNEE(S): Nieveler, Silke; Foerster, Thomas; Koehl, Werner  
 SOURCE: Henkel K.-G.A.a., Germany  
 Ger. Offen., 10 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10009424	A1	20010906	DE 2000-10009424	20000228
WO 2001064177	A1	20010907	WO 2001-EP2070	20010223
W: AU, BR, CA, CN, CZ, HU, JP, MX, NO, PL, SK, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1259221	A1	20021127	EP 2001-919334	20010223
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
PRIORITY APPLN. INFO.:			DE 2000-10009424 A	20000228
			WO 2001-EP2070 W	20010223
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE		

FORMAT

L32 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:635866 CAPLUS

DOCUMENT NUMBER: 135:200159

TITLE: Cosmetic preparations containing the extract of Mourera fluviatilis

INVENTOR(S): Pauly, Gilles; Moser, Philippe; Freis, Olga

PATENT ASSIGNEE(S): Cognis France, S.A., Fr.

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001062223	A2	20010830	WO 2001-EP1725	20010216
WO 2001062223	A3	20011227		
W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2805464	A1	20010831	FR 2000-2425	20000225
EP 1257253	A2	20021120	EP 2001-907540	20010216
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001008564	A	20021203	BR 2001-8564	20010216
PRIORITY APPLN. INFO.:			FR 2000-2425 A	20000225
			WO 2001-EP1725 W	20010216

TM

L32 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:822604 CAPLUS  
DOCUMENT NUMBER: 134:9158  
TITLE: Skin cosmetic or light protection compositions  
containing flavone and/or flavanone derivatives and  
s-triazine UV filters  
INVENTOR(S): Gers-barlag, Heinrich; Schomann, Ariane; Staeb,  
Franz;  
PATENT ASSIGNEE(S): Schoenrock, Uwe; Doerschner, Albrecht  
Beiersdorf A.-G., Germany  
SOURCE: Ger. Offen., 32 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19923715	A1	20001123	DE 1999-19923715	19990522
EP 1055411	A2	20001129	EP 2000-109128	20000505

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO  
PRIORITY APPLN. INFO.: DE 1999-19923715 A 19990522  
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L32 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:822603 CAPLUS  
DOCUMENT NUMBER: 134:9157  
TITLE: Cosmetic or dermatological photoprotection  
compositions containing flavone and/or flavanone  
derivatives and benzotriazoles  
INVENTOR(S): Gers-barlag, Heinrich; Schomann, Ariane; Staeb,  
Franz;  
PATENT ASSIGNEE(S): Schoenrock, Uwe; Doerschner, Albrecht  
Beiersdorf A.-G., Germany  
SOURCE: Ger. Offen., 32 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19923713	A1	20001123	DE 1999-19923713	19990522
EP 1055412	A2	20001129	EP 2000-109129	20000505

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO  
PRIORITY APPLN. INFO.: DE 1999-19923713 A 19990522  
OTHER SOURCE(S): MARPAT 134:9157  
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L32 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:280241 CAPLUS  
DOCUMENT NUMBER: 132:269837

TITLE: Application of ginkgo flavone and ginkgo lactone in cosmetics  
 INVENTOR(S): Li, Xingang; Wang, Gongxiang; Zhang, Shenhua  
 PATENT ASSIGNEE(S): Peop. Rep. China  
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 4 pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1191720	A	19980902	CN 1997-106860	19970228
PRIORITY APPLN. INFO.:			CN 1997-106860	19970228

L32 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1999:561789 CAPLUS  
 DOCUMENT NUMBER: 131:189496  
 TITLE: Application of flavones, flavanones, or flavonoids as protection for ascorbic acid and/or ascorbyl compounds  
 from oxidation  
 INVENTOR(S): Kruse, Inge; Schoenrock, Uwe  
 PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany  
 SOURCE: Ger. Offen., 18 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19807774	A1	19990826	DE 1998-19807774	19980224
US 2002013481	A1	20020131	US 1999-243568	19990203
EP 945128	A2	19990929	EP 1999-101745	19990211
EP 945128	A3	19991222		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 11279167	A2	19991012	JP 1999-41753	19990219
PRIORITY APPLN. INFO.:			DE 1998-19807774 A	19980224
REFERENCE COUNT:	9	THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE		

FORMAT

L32 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1998:344366 CAPLUS  
 DOCUMENT NUMBER: 129:32161  
 TITLE: Silylated **flavone** derivs., and **cosmetic** sunscreen compositions containing them  
 INVENTOR(S): Leduc, Madeleine; Richard, Herve; Lagrange, Alain  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: Eur. Pat. Appl., 21 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 842938	A1	19980520	EP 1997-402601	19971031
EP 842938	B1	19990512		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
FR 2755968	A1	19980522	FR 1996-14097	19961119
FR 2755968	B1	19981224		
ES 2134054	T3	19990916	ES 1997-402601	19971031
PRIORITY APPLN. INFO.:			FR 1996-14097	19961119
OTHER SOURCE(S):		MARPAT 129:32161		
REFERENCE COUNT:		1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE		

FORMAT

L32 ANSWER 12 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1998:268371 CAPLUS

DOCUMENT NUMBER: 128:326475

TITLE: Use of Ginkgo biloba extracts for the preparation of pharmaceutical compositions, and method of cosmetic treatment using a Ginkgo biloba extract

INVENTOR(S): Castelli, Dominique; Friteau, Laurence; Ries, Gerd

PATENT ASSIGNEE(S): ROC, Fr.; Castelli, Dominique; Friteau, Laurence; Ries, Gerd

SOURCE: PCT Int. Appl., 20 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9817295	A1	19980430	WO 1997-IB1319	19971021
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
FR 2754714	A1	19980424	FR 1996-12822	19961022
FR 2754714	B1	19990122		
CA 2240997	AA	19980430	CA 1997-2240997	19971021
AU 9744704	A1	19980515	AU 1997-44704	19971021
AU 743822	B2	20020207		
EP 877619	A1	19981118	EP 1997-943121	19971021
EP 877619	B1	20020619		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
CN 1211925	A	19990324	CN 1997-192462	19971021
BR 9706889	A	19991228	BR 1997-6889	19971021
JP 2000517345	T2	20001226	JP 1998-519167	19971021
AT 219371	E	20020715	AT 1997-943121	19971021
ES 2176786	T3	20021201	ES 1997-943121	19971021
PRIORITY APPLN. INFO.:			FR 1996-12822	A 19961022
			WO 1997-IB1319	W 19971021

L32 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1998:8614 CAPLUS  
 DOCUMENT NUMBER: 128:79811  
 TITLE: Cosmetics containing Yucca extracts and their  
 manufacture  
 INVENTOR(S): Ashida, Tsutomu  
 PATENT ASSIGNEE(S): Yushiro Chemical Industry Co., Ltd., Japan; Mitsuba  
 Trading Co., Ltd.  
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09328410	A2	19971222	JP 1996-168324	19960606
JP 3053368	B2	20000619		
PRIORITY APPLN. INFO.:			JP 1996-168324	19960606

L32 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1995:883891 CAPLUS  
 DOCUMENT NUMBER: 123:321662  
 TITLE: Plant substances for cosmetic use  
 AUTHOR(S): Proserpio, Gianni; Malpede, Alverio  
 CORPORATE SOURCE: Scuola di Specializzazione, Universita di Siena,  
 Italy  
 SOURCE: Cosmetic News (1995), 18(101), 99-102  
 CODEN: COSNDG  
 PUBLISHER: SEPEM s.r.l.  
 DOCUMENT TYPE: Journal; General Review  
 LANGUAGE: Italian

L32 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1995:665223 CAPLUS  
 DOCUMENT NUMBER: 123:65573  
 TITLE: Cosmetic composition comprising kojic acid and an  
 ultra-violet light absorbent  
 INVENTOR(S): Honda, Shinsuke  
 PATENT ASSIGNEE(S): Sansho Seiyaku Co. Ltd., Japan  
 SOURCE: Brit. UK Pat. Appl., 51 pp.  
 CODEN: BAXXDU  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2283173	A1	19950503	GB 1994-11992	19940615
JP 07126121	A2	19950516	JP 1993-270970	19931028
JP 07126122	A2	19950516	JP 1993-270971	19931028
JP 07126135	A2	19950516	JP 1993-270972	19931028
US 5637293	A	19970610	US 1994-238660	19940505
CN 1106658	A	19950816	CN 1994-106502	19940604
CN 1092516	B	20021016		
CN 1106659	A	19950816	CN 1994-106504	19940604
CN 1094350	B	20021120		
CN 1106660	A	19950816	CN 1994-106506	19940604

CN 1077429	B	20020109		
US 5750563	A	19980512	US 1995-538380	19951003
PRIORITY APPLN. INFO.:			JP 1993-270970	A 19931028
			JP 1993-270971	A 19931028
			JP 1993-270972	A 19931028
			US 1994-238628	B1 19940505

L32 ANSWER 16 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1989:619115 CAPLUS

DOCUMENT NUMBER: 111:219115

TITLE: Cosmetic skin preparations containing (iso)flavone glucosides

INVENTOR(S): Myahara, Reiji; Komazaki, Hisayuki

PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01096106	A2	19890414	JP 1987-255292	19871009
PRIORITY APPLN. INFO.:			JP 1987-255292	19871009
OTHER SOURCE(S):		MARPAT 111:219115		

L32 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1989:619112 CAPLUS

DOCUMENT NUMBER: 111:219112

TITLE: Skin conditioners containing fermentation products of Rhizopus or 4',6,7-trihydroxyisoflavone

INVENTOR(S): Horiuchi, Toshio

PATENT ASSIGNEE(S): Sanko Seibutsu Kagaku Kenkyusho K. K., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01102011	A2	19890419	JP 1987-261273	19871015
PRIORITY APPLN. INFO.:			JP 1987-261273	19871015

L32 ANSWER 18 OF 18 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1979:545874 CAPLUS

DOCUMENT NUMBER: 91:145874

TITLE: Base composition for cosmetics

INVENTOR(S): Yamazaki, Nobuoki; Handa, Takuro; Yamamoto, Goro; Ito, Masao

PATENT ASSIGNEE(S): Asahi Denka Kogyo K. K., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 54032638	A2	19790310	JP 1977-98520	19770817
PRIORITY APPLN. INFO.:			JP 1977-98520	19770817

=> d l32 kwic

L32 ANSWER 1 OF 18 USPATFULL  
SUMM [0008] A Japanese patent (JP 9328410) discusses the use of an extract  
of  
the Yucca plant which contains saponin, **flavone** and  
resveratrol as a **cosmetic** for prevention of rough skin and  
cutaneous aging. The extract was shown to have antimicrobial activity  
as  
well as UV. . .

=> d ab l32

L32 ANSWER 1 OF 18 USPATFULL  
AB Compositions and methods for prevention or treatment of disease are  
provided which comprise analogs of Resveratrol.

=> d ab l17  
L17 HAS NO ANSWERS  
L17 0 SEA FILE=REGISTRY HEPERIDIN/CN

=> d his



d 11 1-4

L1 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2003 ACS

RN 130603-71-3 REGISTRY

CN 4H-1-Benzopyran-4-one,

3-[(O-6-deoxy-.alpha.-L-mannopyranosyl-(1.fwdarw.6) -

O-[.alpha.-D-glucopyranosyl-(1.fwdarw.4)]-.beta.-D-glucopyranosyl)oxy]-2-

(3,4-dihydroxyphenyl)-5,7-dihydroxy- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN .alpha. G-Rutin

CN .alpha.-Glucopyranosylrutin

CN **.alpha.-Glucosylrutin**

CN .alpha.G rutin PS

CN .alpha.G-Rutin PS-C

CN 4G-.alpha.-D-glucopyranosylrutin

CN G-rutin

FS STEREOSEARCH

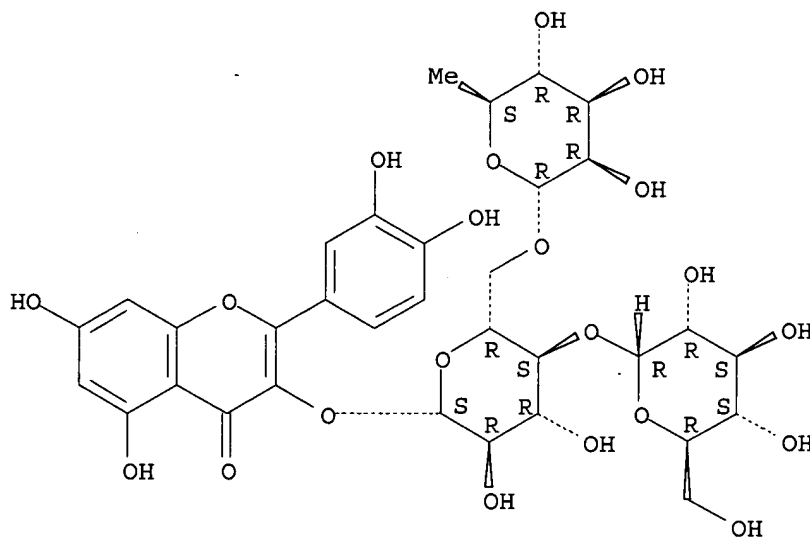
DR 139385-81-2

MF C33 H40 O21

SR CA

LC STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, CA, CANCERLIT, CAPLUS,  
CHEMLIST, MEDLINE, PROMT, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

88 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

90 REFERENCES IN FILE CAPLUS (1962 TO DATE)

USPATFULL

ACCESSION NUMBER: 2002:181716 USPATFULL  
 TITLE: Cosmetic and dermatological preparations with flavonoids  
 INVENTOR(S): Lanzendorfer, Ghita, Hamburg, GERMANY, FEDERAL REPUBLIC OF  
 PATENT ASSIGNEE(S): Stab, Franz, Echem, GERMANY, FEDERAL REPUBLIC OF  
 Untiedt, Sven, Hamburg, GERMANY, FEDERAL REPUBLIC OF  
 Beiersdorf AG, Hamburg, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6423747	B1	20020723
	US 2002099095	A1	20020725
APPLICATION INFO.:	US 1999-451262		19991130 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 849524, now patented, Pat. No. US 6121243		

	NUMBER	DATE
	-----	-----
PRIORITY INFORMATION:	DE 1994-4444238	19941213
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Cook, Rebecca	
LEGAL REPRESENTATIVE:	Norris McLaughlin & Marcus	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	1052	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 4 OF 16 USPATFULL

ACCESSION NUMBER: 2002:106409 USPATFULL  
 TITLE: Reduction inhibitory agent for active oxygen eliminating activity  
 INVENTOR(S): Aga, Hajime, Okayama, JAPAN  
 Shibuya, Takashi, Okayama, JAPAN  
 Fukuda, Shigeharu, Okayama, JAPAN  
 Miyake, Toshio, Okayama, JAPAN  
 PATENT ASSIGNEE(S): KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO, Okayama-shi, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002055620	A1	20020509
APPLICATION INFO.:	US 2001-984392	A1	20011030 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-34336, filed on 4 Mar 1998, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-63987	19970304
	JP 1998-17647	19980114
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BROWDY AND NEIMARK, P.L.L.C., PATENT AND TRADEMARK CAUSES, SUITE 300, 624 NINTH STREET, N.W., WASHINGTON, DC, 20001-5303	

NUMBER OF CLAIMS: 20  
EXEMPLARY CLAIM: 1  
LINE COUNT: 1271  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 16 USPATFULL

ACCESSION NUMBER: 2002:22645 USPATFULL  
TITLE: USE OF FLAVONES FLAVANONES AND FLAVONOIDS FOR  
PROTECTING ASCORBIC ACID AND/OR ASCORBYL COMPOUNDS  
FROM

OXIDATION  
INVENTOR(S): SCHONROCK, UWE, NAHE, GERMANY, FEDERAL REPUBLIC OF  
KRUSE, INGE, HAMBURG, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002013481	A1	20020131
APPLICATION INFO.:	US 1999-243568	A1	19990203 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1998-19807774	19980224
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Kurt G. BRISCOE, NORRIS, MCLAUGHLIN & MARCUS, P.A., 220	

EAST 42ND STREET 30TH FLR., NEW YORK, NY, 10017

NUMBER OF CLAIMS: 9  
EXEMPLARY CLAIM: 1  
LINE COUNT: 980  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 16 USPATFULL

ACCESSION NUMBER: 2001:130846 USPATFULL  
TITLE: Additive for improving the water resistance of  
cosmetic

or dermatological formulations  
INVENTOR(S): Vollhardt, Jurgen, Lincoln Park, NJ, United States  
PATENT ASSIGNEE(S): Dragoco Gerberding & Co. AG, Germany, Federal Republic  
of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6274124	B1	20010814
APPLICATION INFO.:	US 1999-378402		19990820 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Dodson, Shelley A.		
LEGAL REPRESENTATIVE:	Pendorf & Cutliff		
NUMBER OF CLAIMS:	22		
EXEMPLARY CLAIM:	1		
LINE COUNT:	527		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 16 USPATFULL

ACCESSION NUMBER: 2001:29621 USPATFULL  
TITLE: Method for inhibiting cyclooxygenase and inflammation  
using cherry bioflavonoids

INVENTOR(S): Nair, Muraleedharan G., Okemos, MI, United States  
Wang, Haibo, Madera, CA, United States

## PATENT ASSIGNEE(S) :

Strasburg, Gale M., East Lansing, MI, United States  
Booren, Alden M., Lansing, MI, United States  
Gray, James I., Haslett, MI, United States  
Board of Trustees operating Michigan State Univeristy,  
East Lansing, MI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6194469	B1	20010227
APPLICATION INFO.:	US 1999-337313		19990621 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-317310, filed on 24 May 1999		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-111945P	19981211 (60)
	US 1999-120178P	19990216 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Weber, Jon P.	
ASSISTANT EXAMINER:	Patten, Patricia	
LEGAL REPRESENTATIVE:	McLeod, Ian C.	
NUMBER OF CLAIMS:	8	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 8 Drawing Page(s)	
LINE COUNT:	761	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 8 OF 16 USPATFULL

ACCESSION NUMBER: 2001:14517 USPATFULL

TITLE: Agents acting against hyperreactive and hypoactive, deficient skin conditions and manifest dermatitides

INVENTOR(S) : Lanzendorfer, Ghita, Hamburg, Germany, Federal Republic

of  
Stab, Franz, Echem, Germany, Federal Republic of  
Untiedt, Sven, Hamburg, Germany, Federal Republic of  
PATENT ASSIGNEE(S) : Beiersdorf AG, Hamburg, Germany, Federal Republic of  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6180662	B1	20010130
APPLICATION INFO.:	US 1999-306067		19990506 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-849523, filed on 18 Sep 1997, now patented, Pat. No. US 5952373		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1994-4444238	19941213
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Weddington, Kevin E.	
LEGAL REPRESENTATIVE:	Norris, McLaughlin & Marcus, P.A.	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1574	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 9 OF 16 USPATFULL

ACCESSION NUMBER: 2000:125020 USPATFULL  
TITLE: Treatment of skin with a formulation comprising  
alpha-glucosyl rutin and one or more cinnamic acid  
derivatives  
INVENTOR(S): Lanzendorfer, Ghita, Hamburg, Germany, Federal  
Republic  
of  
Stab, Franz, Echem, Germany, Federal Republic of  
Untiedt, Sven, Hamburg, Germany, Federal Republic of  
PATENT ASSIGNEE(S): Beiersdorf AG, Hamburg, Germany, Federal Republic of  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6121243		20000919
	WO 9618379		19960620
APPLICATION INFO.:	US 1997-849524		19970908 (8)
	WO 1995-EP4905		19951212
			19970908 PCT 371 date
			19970908 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1994-4444238	19941213
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Cook, Rebecca	
LEGAL REPRESENTATIVE:	Norris, McLaughlin & Marcus, P.A.	
NUMBER OF CLAIMS:	5	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1046	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 10 OF 16 USPATFULL

ACCESSION NUMBER: 1999:155265 USPATFULL  
TITLE: Compositions for inhibiting oxidation  
INVENTOR(S): Gray, James Ian, Haslett, MI, United States  
Booren, Alden M., Lansing, MI, United States  
Nair, Muraleedharan G., Okemos, MI, United States  
Chang, Yu-Chen, Lansing, MI, United States  
Strasburg, Gale M., East Lansing, MI, United States  
Wang, Haibo, East Lansing, MI, United States  
Gomaa, Enayat A., East Lansing, MI, United States  
PATENT ASSIGNEE(S): Board of Trustees operating Michigan State University,  
East Lansing, MI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5993881		19991130
APPLICATION INFO.:	US 1998-61782		19980416 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-799788, filed on 12 Feb 1997		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wong, Leslie		
LEGAL REPRESENTATIVE:	McLeod, Ian C.		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	21 Drawing Figure(s); 21 Drawing Page(s)		
LINE COUNT:	619		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 16 USPATFULL

ACCESSION NUMBER: 1999:146336 USPATFULL  
TITLE: Method and compositions for inhibiting oxidation  
INVENTOR(S): Gray, James Ian, Haslett, MI, United States  
Booren, Alden M., Lansing, MI, United States  
Nair, Muraleedharan G., Okemos, MI, United States  
Strasburg, Gale M., East Lansing, MI, United States  
Wang, Haibo, East Lansing, MI, United States  
Gomaa, Enayat A., East Lansing, MI, United States  
Chang, Yu-Chen, Lansing, MI, United States  
PATENT ASSIGNEE(S): Board of Trustees operating Michigan State University,  
East Lansing, MI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5985636		19991116
APPLICATION INFO.:	US 1997-799788		19970212 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Stucker, Jeffrey		
ASSISTANT EXAMINER:	Park, Hankyel T.		
LEGAL REPRESENTATIVE:	McLeod, Ian C.		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	21 Drawing Figure(s); 21 Drawing Page(s)		
LINE COUNT:	618		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 12 OF 16 USPATFULL

ACCESSION NUMBER: 1999:110362 USPATFULL  
TITLE: Agents acting against hyperreactive and hypoactive,  
deficient skin conditions and manifest dermatitides  
INVENTOR(S): Lanzendorfer, Ghita, Hamburg, Germany, Federal  
Republic  
of  
Stab, Franz, Echem, Germany, Federal Republic of  
Untiedt, Sven, Hamburg, Germany, Federal Republic of  
PATENT ASSIGNEE(S): Beiersdorf AG, Hamburg, Germany, Federal Republic of  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5952373		19990914
	WO 9618381		19960620
APPLICATION INFO.:	US 1997-849523		19970908 (8)
	WO 1995-EP4907		19951212
			19970908 PCT 371 date
			19970908 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1994-4444238	19941213
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Weddington, Kevin E.	
LEGAL REPRESENTATIVE:	Sprung Kramer Schaefer & Briscoe	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	

LINE COUNT: 1583  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 13 OF 16 USPATFULL

ACCESSION NUMBER: 1999:37085 USPATFULL  
TITLE: Enzyme-treated hesperidin, process for producing the  
same and method of using enzyme-treated hesperidin  
INVENTOR(S): Miyake, Toshio, Okayama, Japan  
Yumoto, Takashi, Ichihara, Japan  
PATENT ASSIGNEE(S): Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo,  
Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5885969		19990323
APPLICATION INFO.:	US 1997-881056		19970624 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1996-166464	19960626
	JP 1997-104272	19970422
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Henley, III, Raymond	
LEGAL REPRESENTATIVE:	Webb Ziesenheim Bruening Logsdon Orkin & Hanson, P.C.	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
LINE COUNT:	715	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 16 USPATFULL

ACCESSION NUMBER: 1999:33571 USPATFULL  
TITLE: Composition for combatting skin blemishes and/or  
ageing  
of the skin, and uses thereof  
INVENTOR(S): Simon, Pascal, Sur Seine, France  
Gagnebien, Didier, Chatillon, France  
PATENT ASSIGNEE(S): L'Oreal, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5882658		19990316
APPLICATION INFO.:	US 1996-685983		19960722 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1995-8816	19950720
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Brouillette, D. Gabrielle	
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
LINE COUNT:	429	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 15 OF 16 USPATFULL

ACCESSION NUMBER: 92:102889 USPATFULL  
TITLE: 4.sup.G -alpha-D-glucopyranosyl rutin, and its  
preparation and uses

INVENTOR(S): Suzuki, Yukio, Okayama, Japan  
 Suzuki, Kei, Okayama, Japan  
 Yoneyama, Masaru, Okayama, Japan  
 Miyake, Toshio, Okayama, Japan  
 PATENT ASSIGNEE(S): Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo,  
 Okayama, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5171573		19921215
APPLICATION INFO.:	US 1991-745634		19910815 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1991-666284, filed on 8 Mar 1991, now abandoned which is a division of Ser. No. US 1990-489568, filed on 7 Mar 1990, now patented, Pat. No. US 5026833		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1989-253269	19890928
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Kishore, G. S.	
LEGAL REPRESENTATIVE:	Browdy and Neimark	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	1263	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 16 OF 16 USPATFULL  
 ACCESSION NUMBER: 91:50603 USPATFULL  
 TITLE: 4.sup.G -alpha-D-glucopyranosyl rutin, and its preparation and uses  
 INVENTOR(S): Suzuki, Yukio, Okayama, Japan  
 Suzuki, Kei, Okayama, Japan  
 Yoneyama, Masaru, Okayama, Japan  
 Miyake, Toshio, Okayama, Japan  
 PATENT ASSIGNEE(S): Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyuju,  
 Okayama, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5026833		19910625
APPLICATION INFO.:	US 1990-489568		19900307 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1989-253269	19890928
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Page, Thurman	
ASSISTANT EXAMINER:	Kishore, G. S.	
LEGAL REPRESENTATIVE:	Browdy and Neimark	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	1217	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		



## L3 ANSWER 14 OF 16 USPATFULL

ACCESSION NUMBER: 1999:33571 USPATFULL  
TITLE: Composition for combatting skin blemishes and/or  
ageing  
of the skin, and uses thereof  
INVENTOR(S): Simon, Pascal, Sur Seine, France  
Gagnebien, Didier, Chatillon, France  
PATENT ASSIGNEE(S): L'Oreal, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5882658		19990316
APPLICATION INFO.:	US 1996-685983		19960722 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1995-8816	19950720
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Brouillette, D. Gabrielle	
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
LINE COUNT:	429	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

## L3 ANSWER 15 OF 16 USPATFULL

ACCESSION NUMBER: 92:102889 USPATFULL  
TITLE: 4.sup.G -alpha-D-glucopyranosyl rutin, and its  
preparation and uses  
INVENTOR(S): Suzuki, Yukio, Okayama, Japan  
Suzuki, Kei, Okayama, Japan  
Yoneyama, Masaru, Okayama, Japan  
Miyake, Toshio, Okayama, Japan  
PATENT ASSIGNEE(S): Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo,  
Okayama, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5171573		19921215
APPLICATION INFO.:	US 1991-745634		19910815 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1991-666284, filed on 8 Mar 1991, now abandoned which is a division of Ser. No. US 1990-489568, filed on 7 Mar 1990, now patented, Pat. No. US 5026833		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1989-253269	19890928
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Kishore, G. S.	
LEGAL REPRESENTATIVE:	Browdy and Neimark	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	1263	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 16 OF 16 USPATFULL

ACCESSION NUMBER: 91:50603 USPATFULL

TITLE: 4.sup.G -alpha-D-glucopyranosyl rutin, and its preparation and uses

INVENTOR(S): Suzuki, Yukio, Okayama, Japan  
Suzuki, Kei, Okayama, Japan  
Yoneyama, Masaru, Okayama, Japan  
Miyake, Toshio, Okayama, Japan

PATENT ASSIGNEE(S): Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyuju, Okayama, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5026833		19910625
APPLICATION INFO.:	US 1990-489568		19900307 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1989-253269	19890928
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Page, Thurman	
ASSISTANT EXAMINER:	Kishore, G. S.	
LEGAL REPRESENTATIVE:	Browdy and Neimark	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	1217	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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L3 ANSWER 15 OF 16 USPATFULL

ACCESSION NUMBER: 92:102889 USPATFULL

TITLE: 4.sup.G -alpha-D-glucopyranosyl rutin, and its preparation and uses

INVENTOR(S): Suzuki, Yukio, Okayama, Japan  
Suzuki, Kei, Okayama, Japan  
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	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5171573		19921215
APPLICATION INFO.:	US 1991-745634		19910815 (7)
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	NUMBER	DATE
PRIORITY INFORMATION:	JP 1989-253269	19890928
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Page, Thurman K.	

ASSISTANT EXAMINER: Kishore, G. S.  
LEGAL REPRESENTATIVE: Browdy and Neimark  
NUMBER OF CLAIMS: 13  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 5 Drawing Figure(s); 3 Drawing Page(s)  
LINE COUNT: 1263  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT 130603-71-3P  
(manuf. of, enzymic)

L3 ANSWER 16 OF 16 USPATFULL  
ACCESSION NUMBER: 91:50603 USPATFULL  
TITLE: 4.sup.G -alpha-D-glucopyranosyl rutin, and its  
preparation and uses  
INVENTOR(S): Suzuki, Yukio, Okayama, Japan  
Suzuki, Kei, Okayama, Japan  
Yoneyama, Masaru, Okayama, Japan  
Miyake, Toshio, Okayama, Japan  
PATENT ASSIGNEE(S): Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyuju,  
Okayama, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5026833		19910625
APPLICATION INFO.:	US 1990-489568		19900307 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1989-253269	19890928
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Page, Thurman	
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LEGAL REPRESENTATIVE:	Browdy and Neimark	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 3 Drawing Page(s)	
LINE COUNT:	1217	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
IT 130603-71-3P (manuf. of, enzymic)		

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L3 ANSWER 16 OF 16 USPATFULL  
IT 130603-71-3P  
(manuf. of, enzymic)

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